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January 25, 2002

Attorney Docket No.: 13445-008001

**Box Patent Application**  
Commissioner for Patents  
Washington, DC 20231

Presented for filing is a new patent application claiming priority from a provisional patent application of:

**Applicant:** STEVEN G. JOHNSON, MIHAI IBANESCU, ORI WEISBERG, YOEL FINK, JOHN D. JOANNOPOLOUS, MAKSIM SKOROBOGATIIY, TORKEL ENGENESS, MARIN SOLJACIC AND STEVEN A. JACOBS

**Title:** PHOTONIC CRYSTAL OPTICAL WAVEGUIDES HAVING TAILORED DISPERSION PROFILES

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	31
Claims	13
Abstract	1
Declaration	[To be Filed at a Later Date]
Drawings	22

Enclosures:  
— Postcard.

## CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL485713500US

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

January 25, 2002

Date of Deposit

Signature

Lisa G. Gray

Typed or Printed Name of Person Signing Certificate



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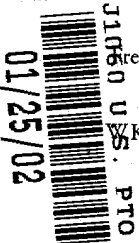
SILICON VALLEY

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WASHINGTON, DC



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Under 35 USC §119(e)(1), this application claims the benefit of prior U.S. provisional application 60/337,603, filed November 8, 2001; 60/264,201 filed January 25, 2001; 60/264,775 filed January 29, 2001; 60/265,051 filed January 30, 2001; and 60/268,793 filed February 14, 2001.

Basic filing fee	\$370
Total claims in excess of 20 times \$9	\$675
Independent claims in excess of 3 times \$42	\$252
Fee for multiple dependent claims	\$0
Total filing fee:	\$1297

Applicant claims small entity status. See 37 C.F.R. 1.27. A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

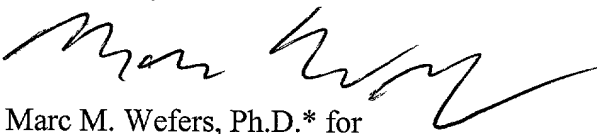
If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (617) 542-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

MARC M. WEFERS, PH.D.  
Fish & Richardson P.C.  
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Respectfully submitted,



Marc M. Wefers, Ph.D.\* for  
Eric L. Prahl  
Reg. No. 32,590  
Enclosures

MZW/jhc

\*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 10.9(b).

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